```
RESULT 3
US-10-983-128-6016
; Sequence 6016, Application US/10983128
; Publication No. US20080050774A1
; GENERAL INFORMATION:
;  APPLICANT: BERKA, Randy
;  APPLICANT:  REY, Michael
;  APPLICANT:  RAMAIYA, Preethi
;  APPLICANT:  ANDERSEN, Jens Tonne
;  APPLICANT:  RASMUSSEN, Michael Dolberg
;  APPLICANT:  OLSEN, Peter Bjarke
;  TITLE OF INVENTION: Bacillus Licheniformis Chromosome
;  FILE REFERENCE: 10588.200-US
;  CURRENT APPLICATION NUMBER: US/10/983,128
;  CURRENT FILING DATE:  2004-09-25
;  PRIOR APPLICATION NUMBER: 60/535,988
;  PRIOR FILING DATE: 2004-01-09
;  PRIOR APPLICATION NUMBER: 60/561,059
;  PRIOR FILING DATE: 2004-04-08
;  PRIOR APPLICATION NUMBER: 60/572,403
;  PRIOR FILING DATE: 2004-05-19
;  NUMBER OF SEQ ID NOS: 8395
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 6016
;   LENGTH: 348
;   TYPE: PRT
;   ORGANISM: Bacillus licheniformis
US-10-983-128-6016

  Query Match              99.4%;  Score 1718;  DB 5;  Length 348;
  Best Local Similarity    99.4%;  Pred. No. 1.4e-140;
  Matches  346;  Conservative    1;  Mismatches    1;  Indels    0;  Gaps    0;

Qy        1 MSDRQAALDMALKQIEKQFGKGSIMKLGEQTETRISTVPSGSLALDAALGVGGYPRGRII 60
            |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db        1 MSDRQAALDMALKQIEKQFGKGSIMKLGEQTETRISTVPSGSLALDAALGVGGYPRGRII 60

Qy       61 EVYGPESSGKTTVALHAIAEVQQQGGQAAFIDADTALDPVYAQKLGVNIDELLLSQPDTG 120
            ||||||||||||||||||||||||||||||||:||||||||||||||||||||||||||
Db       61 EVYGPESSGKTTVALHAIAEVQQQGGQAAFIDAEHALDPVYAQKLGVNIDELLLSQPDTG 120

Qy      121 EQALEIAEALVRSGAVDIVVIDSVAALVPKAEIEGDMGDSHVGLQARLMSQALRKLSGAI 180
            |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      121 EQALEIAEALVRSGAVDIVVIDSVAALVPKAEIEGDMGDSHVGLQARLMSQALRKLSGAI 180

Qy      181 NKSKTIAIFINQIREKVGVMFGNPETTPGGRALKFYSSVRLEVRRAEQLKQGNDVMGNKT 240
            |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      181 NKSKTIAIFINQIREKVGVMFGNPETTPGGRALKFYSSVRLEVRRAEQLKQGNDVMGNKT 240

Qy      241 KIKVVKNKVAPPFRTAEVDIMYGEGISKEGEIIDLGTELDIVQKSGAWYSYQEERLGQGR 300
            |||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      241 KIKVVKNKVAPPFRTAEVDIMYGEGISKEGEIIDLGTELDIVQKSGAWYSYQEERLGQGR 300

Qy      301 ENAKQFLKENKDILLMIQEQIREHYGLDTGGAAPAQEDEAQAQEELEF 348
            |||||||||||||||||||||||||||||||||||||||||||||||
Db      301 ENAKQFLKENKDILLMIQEQIREHYGLDTGGAAPAQEDEAQAQEELEF 348
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